

INTERNATIONAL SEARCH REPORT

International application No.

PCT/JP2004/012727

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A. CLASSIFICATION OF SUBJECT MATTER	
Int. Cl. G02F1/13, G02F1/1339	
According to International Patent Classification (IPC) or to both national classification and IPC	
B. FIELDS SEARCHED	
Minimum documentation searched (classification system followed by classification symbols)	
Int. Cl. G02F1/13, G02F1/1339	
Documentation searched other than minimum documentation to the extent that such documents are included in the fields searched	
Jitsuyo Shinan Koho 1922-1996 Toroku Jitsuyo Shinan Koho 1994-2004	
Kokai Jitsuyo Shinan Koho 1971-2004 Jitsuyo Shinan Toroku Koho 1996-2004	
Electronic data base consulted during the international search (name of data base and, where practicable, search terms used)	
C. DOCUMENTS CONSIDERED TO BE RELEVANT	
Category*	Citation of document, with indication, where appropriate, of the relevant passages
X	JP 2001-242471 A (Rantekunikaru Service Kabushiki Kaisha), 07 September, 2001 (07.09.01), Full text; all drawings (Family: none)
P, X	JP 2003-270609 A (Fujitsu Ltd., Fujitsu VLSI Ltd.), 25 September, 2003 (25.09.03), Full text; all drawings & US 2003/0178134 A1 & CN 1445585 A & KR 2003/076267 A
	Relevant to claim No. 1-2, 4, 7, 9-10
	10-12
<p><input checked="" type="checkbox"/> Further documents are listed in the continuation of Box C. <input type="checkbox"/> See patent family annex.</p> <p>* Special categories of cited documents: "A" document defining the general state of the art which is not considered to be of particular relevance "E" earlier application or patent but published on or after the international filing date "T" document which may throw doubts on priority claim(s) or which is cited to establish the prior art "O" document referring to an oral disclosure, use, exhibition or other means "P" document published prior to the international filing date but later than the priority date claimed "T" later document published after the international filing date or priority date and not in conflict with the application but cited to understand the principle or theory underlying the invention "X" document of particular relevance; the claimed invention cannot be distinguished from or cannot be considered to involve an inventive step when the document is taken alone "Y" document of particular relevance; the claimed invention cannot be considered to involve an inventive step when the document is taken alone "Z" document of particular relevance; the claimed invention cannot be considered to involve an inventive step when the document is taken alone "2" document member of the same patent family</p>	
Date of the actual completion of the international search	Date of mailing of the international search report
12 October, 2004 (12.10.04)	26 October, 2004 (26.10.04)
Name and mailing address of the ISA/ Japanese Patent Office	Authorized officer
Postmile No.	Telephone No.

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C (Continuation). DOCUMENTS CONSIDERED TO BE RELEVANT	
Category*	Citation of document, with indication, where appropriate, of the relevant passages
P, X	JP 2004-70274 A (Fujitsu Ltd.), 04 March, 2004 (04.03.04), Full text; all drawings & US 2003/0226633 A1 & KR 2003/095324 A & CN 1469172 A
	Relevant to claim No. 10-12
P, X	JP 2004-151325 A (Fujitsu Ltd.), 27 May, 2004 (27.05.04), Full text; all drawings & KR 2004/038720 A
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A	JP 2002-323687 A (Hitachi Industries Co., Ltd.), 08 November, 2002 (08.11.02), Full text; all drawings (Family: none)
	1-12

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